

What is claimed is:

1. A printing method comprising the steps of:
converting color image information to black-and-white
image information; and

5 obtaining a black-and-white printout, based on the
converted black-and-white image information;

wherein at least either brightness or saturation is
independently controlled for each desirable hue, based on a color
image signal carrying said color image information; the
10 controlled color image signal is converted to a black-and-white
image signal carrying said black-and-white image information;
and said black-and-white printout is obtained based on the
converted black-and-white image signal.

2. The printing method as defined in claim 1 in which
15 said color image signal is an image signal represented in any
color space among an LHC color space, an "Lab" color space, and
an "Luv" color space.

3. A printing apparatus comprising:
conversion means which converts color image
20 information to black-and-white image information;

printing means which obtains a black-and-white
printout, based on the converted black-and-white image
information; and

control means which independently controls at least
25 either brightness or saturation for each desirable hue, based
on a color image signal carrying said color image information;

wherein said conversion means converts the color image signal, in which said brightness and/or saturation have been controlled, to a black-and-white image signal carrying said black-and-white image information, and said printing means
5 obtains said black-and-white printout, based on the converted black-and-white image signal.

4. The printing apparatus as defined in claim 3 in which said control means uses an image signal, represented in any color space among an LHC color space, an "Lab" color space,
10 and an "Luv" color space, as said color image signal.